

ATTORNEY DOCKET NO.: ALAB001US1
Amendment Dated February 6, 2006
Response to Advisory Action of December 14, 2005

Application No. 10/806,049

Summary of the Advisory Action

Non-Entry of Amendment After Final Rejection

The proposed amendment filed after final rejection, but prior to the date of a filing a brief was not entered because, per the Examiner, the amendment raised new issues that would require further consideration and/or search; the amendment raised the issue of new matter; and/or the amendment did not place the application in better form for appeal by materially reducing or simplifying the issues for appeal.

In particular, the Examiner states that Claim 8 is different from allowable Claim 6. The Examiner points out that Claim 6 is directed to gravity sensors that are connected to form a single apparatus, while Claim 8 is directed to an array of sensors that are not necessarily so connected. Also, states the Examiner, Claim 8 separately refers to an array and "subsurface logging apparatus," suggestive that something is being claimed twice in Claim 8.

Allowable Subject Matter

According to the Examiner, the newly amended Claims 2 through 7 would be allowable if submitted in a separate, timely-filed amendment canceling the non-allowable Claim 8.

Response to the Advisory Action

The Examiner is thanked for the thorough and complete review of the Application.

Claims 8 and 9 are withdrawn. Therefore, Claims 2 through 7 are currently pending in this application.

LISTING OF CLAIMS

1. (Previously Withdrawn)
2. (Previously Amended) The apparatus of Claim 6, the logging apparatus comprising a logging sonde, coil tubing, or wireline.
3. (Previously Amended) The apparatus of Claim 6, where a sensor drift associated with one gravity sensor is time-correlated with a sensor drift of another gravity sensor.

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4. (Previously Amended) The apparatus of Claim 3, where sensor drifts of all the gravity sensors are time-correlated with one another.

5. (Previously Amended) The apparatus of Claim 6, further comprising sensor hardware or software configured to correct sensor drift of one or more of the gravity sensors.

6. (Previously Amended) An apparatus comprising: a subsurface logging apparatus; and a plurality of gravity sensors coupled to the subsurface logging apparatus, the sensors being spaced a known, distance apart to form a gravity sensor array, where different gravity sensors are spaced at different distances from one another.

7. (Previously Amended) The apparatus of Claim 6, where the array is a linear, vertical array.

8. (Currently Withdrawn).

9. (Currently Withdrawn).

REMARKS

The Advisory Action dated December 14, 2005 has been carefully reviewed and the foregoing amendments made in response thereto. Applicant respectfully requests that pending Claims 2 through 7 go to issuance.

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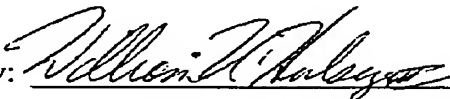
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Conclusions

In view of the foregoing, Applicant respectfully the timely allowance of the pending claims.

Respectfully submitted,

By: 

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Dated: February 6, 2006

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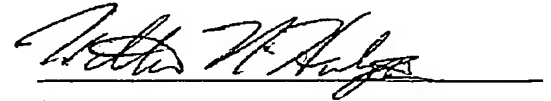
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